

RPR 50A – Radiation Laboratory Evaluation
Sealed Sources

Authorized User: _____

Permit #: _____

Building: _____

Room(s): _____

Preliminary Review

1. Review the Authorized Users permit inventory and compare with HPAssist.
 - a. Was the 6-month inventory successfully completed?
 - b. Have there been any additions to the inventory since it was last completed?
 - i. If yes, select a sample of inventory items to verify and note them in the following table.

HPA Inventory			
HPA Number	Radionuclide(s)	Activity [mCi]	Storage Location

- c. Have there been any removals from the inventory since it was last completed?
- d. Is the Authorized Users inventory up to date?

Comments:

2. Are there any leak testable sources in the laboratory?
 - a. Have leak tests been performed at the required frequency?
 - b. Are there any leaking sources?
3. Has dosimetry been issued to the Authorized User or laboratory workers?
4. Are the Authorized User and laboratory workers current on their Radiation Safety Training?
5. What are the permitted survey frequencies?
 - a. User Survey:
 - b. Radiation Safety Survey:
6. Are surveys being performed at the required frequencies?
7. Has the Authorized User been assigned radiation detection instruments?

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1.0	Postings, Labels, and Signs	Yes	No	NA
1.1	Do all entrance doors have Chimera signs?			
1.2	Are Chimera door signs complete and current?			
1.3	Are the current NRC Form 3 - Notice to Employees posted in English and Spanish?			
1.4	Is the Documents Notice posted?			
1.5	Is the current Radiation Safety Call list posted?			
1.6	Are radiation/x-ray/laser signs posted where required?			
1.7	Are radioactive material storage areas labeled and the posting is current?			
1.8	Are all signs/postings/labels in good and legible condition?			
1.9	Is the most recent radiation safety survey posted in the laboratory?			

2.0	Facilities	Yes	No	NA
2.1	Are work areas uncluttered and adequate for approved procedures?			

3.0	Materials Use and Handling	Yes	No	NA
3.1	Are gloves used when handling leak testable sources?			
3.2	Are shorts, skirts, & open toed shoes prohibited with radioactive material handling?			
3.3	Does the Authorized User prohibit smoking, eating, drinking, etc., in the laboratory?			
3.4	Are dosimeters used when necessary and worn correctly?			
3.5	Is shielding and long reach tools available and used when necessary?			
3.6	Does the Authorized User have specific procedures for handling radioactive material(s)?			

4.0	Material Accountability & Security	Yes	No	NA
4.1	Are all sources labeled with serial number, HPAssist ID, or EQ?			
4.2	Are sign out forms in use at each storage location as specified in RS-23?			
4.3	All materials are stored behind single/double barriers as required?			
4.4	Are all entrance doors locked if unattended?			
4.5	Were any discrepancies found between the HPA inventory and the verification?			

5.0	Records	Yes	No	NA
5.1	Are radiation training records on file for all laboratory workers?			
5.2	Are instrument response check records present for assigned instrument(s)?			
5.3	Are laboratory specific training records on file for all laboratory workers?			

6.0	Instrumentation	Yes	No	NA
6.1	Are all instruments used for compliance calibrated and working?			
6.2	Are all instruments response checked prior to use?			

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Item #	Comments

General Comments

Performed By: _____ Date: _____